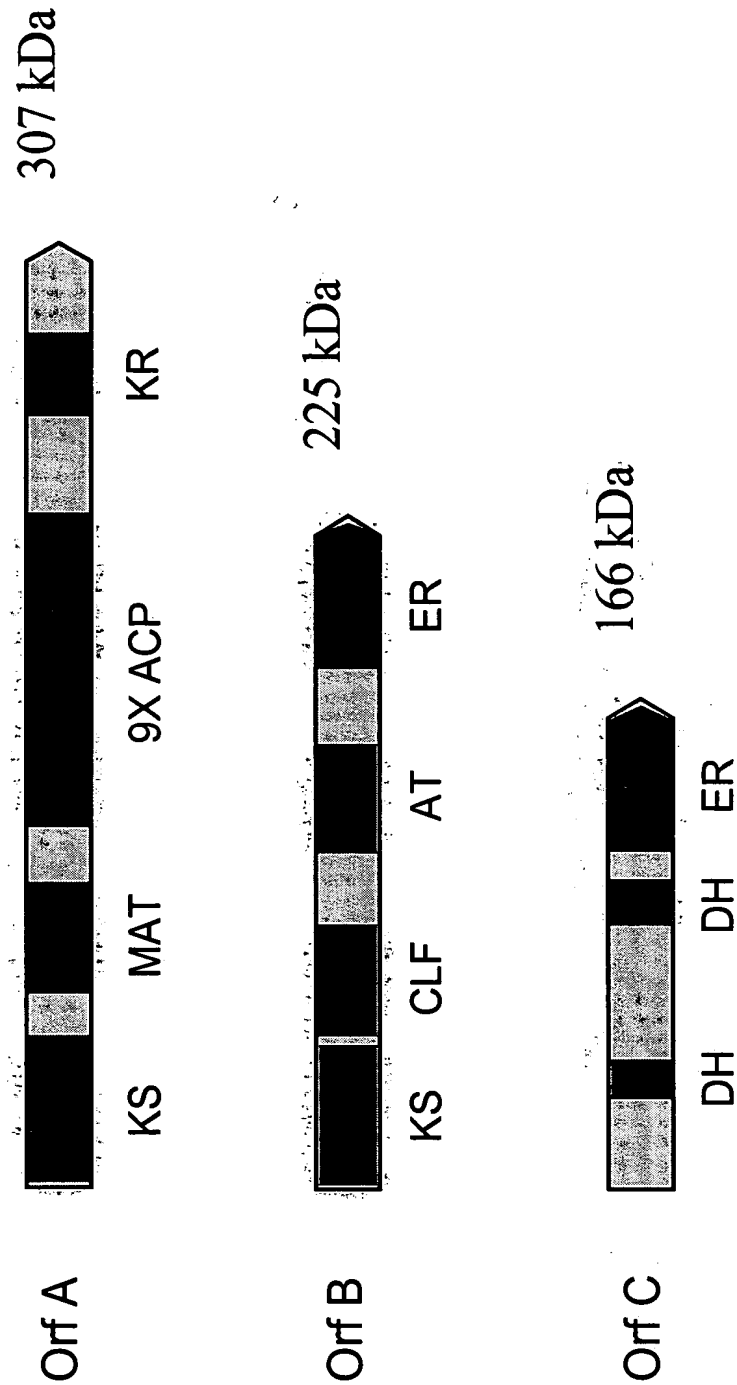


FIG. 1

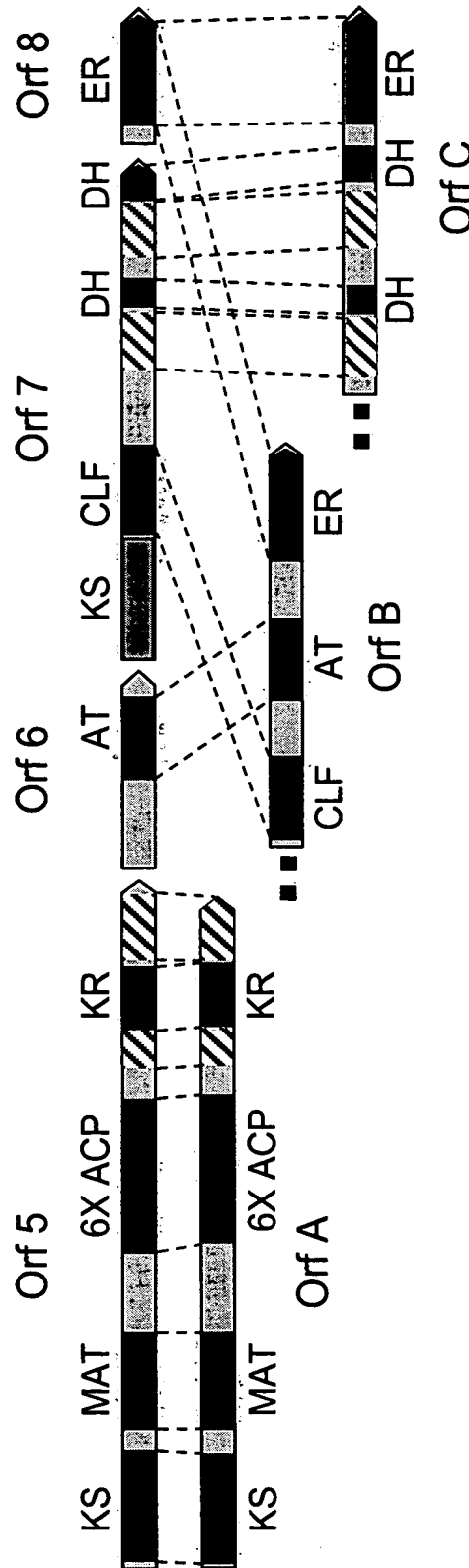


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FIG. 2

**Comparison of PKS Orfs/domains:**

*Schizochytrium* vs *Shewanella*



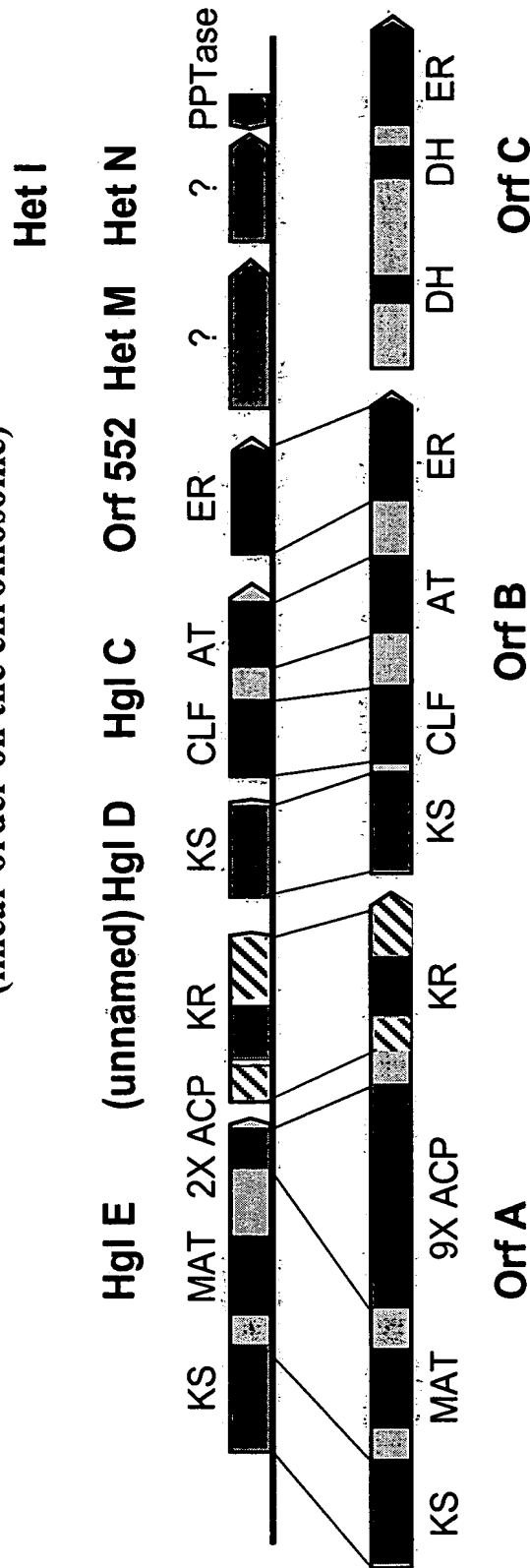
**Amino acid sequence homology**

= 20-35%
  = 35-50%
  > 50%

FIG. 3

*Nostoc* (7120) vs *Schizochytrium*

*Nostoc* ORFs in the Hgl/Het cluster  
 (linear order on the chromosome)



*Schizochytrium* PUFA PKS ORFs  
 (separate Orfs)

